WHAT IS CLAIMED IS:

combining a plurality of image parts and displaying animation, comprising:

image storage means for storing the image parts;

processor means for executing display processing,

which is divided into a plurality of logical layers, in

unit of each layer, said display processing performed

for each image part constructing animation to be

displayed;

setting means for setting at least one schedule data for each layer, said schedule data having data which specifies an image part to be displayed, and attribute data which includes display update timing; and

control means for controlling processing, set by said setting means and performed by processor means of each layer, in accordance with the schedule data.

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- 2. The animation display apparatus according to claim 1, wherein the attribute data includes data related to a display position of an image part.
- 25 3. The animation display apparatus according to claim 1, wherein the attribute data includes data

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related to a rotational angle of an image part.

- 4. The animation display apparatus according to claim 1, wherein the attribute data includes data related to a magnification rate of an image part.
 - 5. The animation display apparatus according to claim 1, wherein the attribute data includes data related to a coefficient for filtering an image part.

6. A control method of animation display apparatus for combining a plurality of image parts and displaying animation, comprising:

a processing step of executing display

15 processing, which is divided into a plurality of
logical layers, in unit of each layer, said display
processing performed for each image part constructing
animation to be displayed;

a setting step of setting at least one schedule

20 data for each layer, said schedule data having data

which specifies an image part stored in a predetermined

storage, and attribute data which includes display

update timing; and

a control step of controlling processing, set in said setting step and performed by a processor of each layer, in accordance with the schedule data.

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7. A storage medium storing program codes to serve as an animation display apparatus, which combines a plurality of image parts and displays animation, by having a computer read and execute the program codes, said program codes having functions including:

image storage means for storing the image parts;

processor means for executing display processing,

which is divided into a plurality of logical layers, in

unit of each layer, said display processing performed

for each image part constructing animation to be

displayed;

setting means for setting at least one schedule data for each layer, said schedule data having data which specifies an image part to be displayed, and attribute data which includes display update timing; and

control means for controlling processing, set by said setting means and performed by processor means of each layer, in accordance with the schedule data.

- 8. A game machine for executing a game when a coin is inserted and displaying animation when a coin is not inserted, comprising:
- 25 image parts storage means for storing a plurality of image parts used for animation display;

processor means for executing display processing, which is divided into a plurality of logical layers, in unit of each layer, said display processing performed for each image part constructing animation to be displayed;

setting means for setting at least one schedule data for each layer, said schedule data having data which specifies an image part to be displayed, and attribute data which includes display update timing;

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control means for controlling processing, set by said setting means and performed by processor means of each layer, in accordance with the schedule data.

9. A control method of a game machine for executing a game when a coin is inserted and displaying animation when a coin is not inserted, comprising:

a processing step of executing display processing, which is divided into a plurality of logical layers, in unit of each layer, said display processing performed for each image part constructing animation to be displayed;

a setting step of setting at least one schedule data for each layer, said schedule data having data which specifies an image part to be displayed, and attribute data which includes display update timing;

and

a control step of controlling processing, set in said setting step and performed at a processing step of each layer, in accordance with the schedule data.

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10. A storage medium storing program codes to serve as a game machine, which executes a game when a coin is inserted and displays animation when a coin is not inserted, by having a computer read and execute the program codes, said program codes having functions including:

image parts storage means for storing a plurality of image parts used for animation display;

processor means for executing display processing,

15 which is divided into a plurality of logical layers, in
unit of each layer, said display processing performed
for each image part constructing animation to be
displayed;

setting means for setting at least one schedule

20 data for each layer, said schedule data having data
which specifies an image part to be displayed, and
attribute data which includes display update timing;
and

control means for controlling processing, set by said setting means and performed by processor means of each layer, in accordance with the schedule data.

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11. An animation display apparatus comprising: start-up means for initiating start-up operation from a storage medium which stores an OS;

preliminary processor means for rewriting data, subjected to be written in secondary volatile storage means at least while the OS is operating, to predetermined data based on the storage medium, said secondary volatile storage means being accessible by a CPU in a first stage of each start-up and having a file system;

means for initiating the OS to operate in a second stage which is after rewriting operation is performed by said preliminary processor means;

processor means for executing display processing, which is divided into a plurality of logical layers, in unit of each layer under the operation of the OS, said display processing performed for each image part constructing animation to be displayed;

setting means for setting at least one schedule data for each layer, said schedule data having data which specifies an image part to be displayed, and attribute data which includes display update timing; and

control means for controlling processing, set by said setting means and performed by processor means of

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each layer, in accordance with the schedule data.

12. À game machine having a computer for executing an application program, comprising:

start-up means for initiating start-up operation from a storage medium, storing an OS and said application program in a directly executable form;

preliminary processor means for copying data from the storage medium, the data subjected to be written in a secondary volatile storage at least while the OS and the application program are operating, said secondary volatile storage means being accessible by a CPU in a first stage of start-up and having a file system;

means for initiating the OS to operate in a second stage which is after copying operation is performed by said preliminary processor means;

processor means for executing display processing, which is divided into a plurality of logical layers, in unit of each layer under the operation of the OS and the application program, said display processing performed for each image part constructing animation to be displayed;

setting means for setting at least one schedule data for each layer, said schedule data having data which specifies an image part to be displayed, and attribute data which includes display update timing;

- 49 -

and

control means for controlling processing, set by said setting means and performed by processor means of each layer, in accordance with the schedule data.

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13. A display apparatus comprising:

start-up means for initiating start-up operation from a storage medium which stores an OS;

preliminary processor means for rewriting data,

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means at least while the OS is operating, to

predetermined data based on the storage medium,

said secondary volatile storage means being accessible

by a CPU in a first stage of each start-up and having a

15 file system;

means for initiating the OS to operate in a second stage which is after rewriting operation is performed by said preliminary processor means;

reading means for reading an image stored in a 20 plurality of storage areas under the operation of the OS;

setting means for setting at least one attribute data, which includes timing for reading an image stored in the plurality of storage areas, in association with an image stored in the plurality of storage areas; and display control means for displaying respective

images, stored in the plurality of storage areas and read by said reading means, based on the attribute data set by said setting means.

5 14. A display apparatus comprising:

start-up means for initiating start-up operation from a storage medium which stores an OS;

preliminary processor means for rewriting data, subjected to be written in secondary volatile storage

10 means at least while the OS is operating, to predetermined data based on the storage medium, said secondary volatile storage means being accessible by a CPU in a first stage of each start-up and having a file system;

means for initiating the OS to operate in a second stage which is after rewriting operation is performed by said preliminary processor means;

image reading means for reading an image stored in a plurality of storage areas under the operation of the OS;

attribute reading means for reading attribute data which includes timing for reading an image stored in the plurality of storage areas; and

display control means for displaying respective

25 images, stored in the plurality of storage areas, read
by said image reading means, based on the attribute

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data read by said attribute reading means.

15. A\display apparatus comprising:

start-up means for initiating start-up operation from a storage medium which stores an OS;

preliminary processor means for rewriting data, subjected to be written in secondary volatile storage means at least while the OS is operating, to predetermined data based on the storage medium, said secondary volatile storage means being accessible by a CPU in a first stage of each start-up and having a file system;

means for initiating the OS to operate in a second stage which is after rewriting operation is performed by said preliminary processor means;

image reading means for reading an image stored in a plurality of storage areas under the operation of the OS;

setting means for setting attribute data which
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least one image stored in the plurality of storage
areas; and

output control means for outputting audio data based on the attribute data, and displaying respective images, stored in the plurality of storage areas and read by said image reading means, based on the

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attribute data set by said setting means.

16. A sticker printing apparatus, including said animation display apparatus according to claim 1, for printing a desired sticker by operating a touch panel overlaid on a display screen, said sticker printing apparatus comprising:

input means for inputting a plurality of character strings to be printed on a sticker, in association with a logical layer;

storage means for generating bit image data corresponding to an inputted character string and storing the bit image data each time a character string is inputted by said input means;

layout means for superimposingly laying out each of the stored bit image data for each layer; and output means for outputting image data, obtained by said layout means, to printing means.

20 17. A sticker printing apparatus for printing a desired sticker by operating a touch panel overlaid on a display screen, comprising:

input means for inputting a plurality of character strings to be printed on a sticker, in association with a logical layer;

storage means for generating bit image\data

corresponding to an inputted character string and storing the bit image data, each time a character string is inputted by said input means;

layout means for superimposingly laying out each

5 of the stored bit image data for each layer; and

output means for outputting image data, obtained

by said layout means, to printing means.

- 18. The sticker printing apparatus according to claim 17, further comprising setting means for setting a background design for the sticker.
 - 19. The sticker printing apparatus according to claim 17, wherein said input means comprises:

means for displaying predetermined sample character strings on the display screen;

means for selecting a character string from the displayed sample character strings by using the touch panel;

20 means for setting the touch panel as character input means; and

means for displaying a virtual keyboard for character input operation when the touch panel is set as character input means.

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20. The sticker printing apparatus according to

wherein said input means comprises means for setting a character design.

21. The sticker printing apparatus according to claim 17, where in the sticker has a form of senjafuda consisting of kashira (header), main body of the senjafuda, and sashifuda (insertion), wherein said input means inputs respective character strings for the kashira (header), main body, and sashifuda (insertion).

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22. The sticker printing apparatus according to claim 21, wherein said printing means prints plural stickers on one sheet.

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The sticker printing apparatus according to 23. claim 22, further comprising means for setting whether or not to insert the sashifuda (insertion), wherein in a case the sashifuda (insertion) is to be inserted, a part of the stickers in one sheet are printed with the 20 sashifuda (insertion).

The sticker printing apparatus according to 24. claim 17, further comprising:

memory means for storing data inputted by said 25 input means; and

designation means for designating to keturn to an

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input subject for changing already-inputted data,
wherein in a case where said designation means
designates to return to an input subject, contents
stored in said memory means are used as a default
setting of the input subject.

25. A control method of a sticker printing apparatus for printing a desired sticker by operating a touch panel overlaid on a display screen, comprising:

an input step of inputting a plurality of character strings to be printed on a sticker, in association with a logical layer;

a storage step of generating bit image data corresponding to an inputted character string and storing the bit image data, each time a character string is inputted in said input step;

a layout step of superimposingly laying out each of the stored bit image data for each layer; and

an output step of outputting image data, obtained in said layout step, to a printing unit.

26. A storage medium storing program codes to serve as a sticker printing apparatus, which prints a desired sticker by operating a touch panel overlaid on a display screen, said program codes having functions including:

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input means for inputting a plurality of character strings to be printed on a sticker, in association with a logical layer;

storage means for generating bit image data corresponding to an inputted character string and storing the bit image data, each time a character string is inputted by said input means;

layout means for superimposingly laying out each of the stored bit image data for each layer; and output means for outputting image data, obtained by said layout means, to printing means.

27. An apparatus comprising:

start-up means for initiating start-up operation from a storage medium which stores an OS;

preliminary processor means for rewriting data, subjected to be written in secondary volatile storage means at least while the OS is operating, to predetermined data based on the storage medium,

said secondary volatile storage means being accessible by a CPU in a first stage of each start-up and having a file system;

means for initiating the OS to operate in a second stage which is after rewriting operation is performed by said preliminary processor means; input means for inputting, in association with a

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logical layer, a plurality of character strings to be printed on print paper under the operation of the OS;

storage means for generating bit image data corresponding to an inputted character string and storing the bit image data, each time a character string is inputted by said input means;

layout means for superimposingly laying out each of the stored bit image data for each layer; and output means for outputting image data, obtained by said layout means, to printing means.

28. A sticker printing apparatus comprising: start-up means for initiating start-up operation from a storage medium, storing an OS and said application program in a directly executable form;

preliminary processor means for copying data from the storage medium, the data subjected to be written in a secondary volatile storage at least while the OS and the application program are operating, said secondary volatile storage means being accessible by a CPU in a first stage of start-up and having a file system;

means for initiating the OS to operate in a second stage which is after copying operation is performed by said preliminary processor means;

input means for inputting, in association with a logical layer, a plurality of character strings to be

printed on a sticker under the operation of the OS; storage means for generating bit image data corresponding to an inputted character string and storing the bit image data, each time a character string is inputted by said input means;

layout means for superimposingly laying out each of the stored bit image data for each layer; and output means for outputting image data, obtained by said layout means, to printing means.

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29. A sticker printing apparatus comprising: start-up means for initiating start-up operation from a storage medium which stores an OS;

preliminary processor means for rewriting data, subjected to be written in secondary volatile storage means at least while the OS is operating, to predetermined data based on the storage medium, said secondary volatile storage means being accessible by a CPU in a first stage of each start-up and having a file system;

means for initiating the OS to operate in a second stage which is after rewriting operation is performed by said preliminary processor means;

generation means for generating a sticker image

25 by combining a plurality of character strings or a

plurality of images to be printed on a sticker under

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the operation of the OS; and

print means for printing a plurality of the generated sticker images on print paper.

30. A sticker printing apparatus comprising: start-up means for initiating start-up operation from a storage medium which stores an OS;

preliminary processor means for rewriting data, subjected to be written in secondary volatile storage means at least while the OS is operating, to predetermined data based on the storage medium, said secondary volatile storage means being accessible by a CPU in a first stage of each start-up and having a file system;

means for initiating the OS to operate in a second stage which is after rewriting operation is performed by said preliminary processor means;

means for storing each of a plurality of character strings or a plurality of images to be printed on a sticker in a plurality of storage areas under the operation of the OS;

generation means for generating a sticker image by superimposingly combining the plurality of character strings or the plurality of images stored in the plurality of storage areas; and

print means for printing a plurality of the

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generated sticker images on print paper.

31. A sticker printing apparatus comprising: start-up means for initiating start-up operation from a storage medium which stores an OS;

preliminary processor means for rewriting data, subjected to be written in secondary volatile storage means at least while the OS is operating, to predetermined data based on the storage medium, said secondary volatile storage means being accessible by a CPU in a first stage of each start-up and having a file system;

means for initiating the OS to operate in a second stage which is after rewriting operation is performed by said preliminary processor means;

means for storing each of a plurality of character strings or a plurality of images to be displayed, in a plurality of storage areas under the operation of the OS;

generation means for generating a sticker image by superimposingly combining the plurality of character strings or the plurality of images stored in the plurality of storage areas;

replacing means for replacing each of the

25 plurality of character strings or the plurality of images, constructing the superimposingly combined

sticker image;

print means for printing a sticker image having one of the plurality of character strings or the plurality of images replaced by said replacing means.